

Amendments to the Specification:

Please add the following new Title and new paragraph on page 1, line 3, as follows:

CROSS-REFERENCES TO RELATED APPLICATIONS

This application claims priority to U.S. Application No. 09/908,822, filed July 18, 2001, which is incorporated by reference herein.

Please amend the paragraph beginning at page 3, line 2, to read as follows:

Fig. 1A and 1B are ~~[[is a]]~~ vertical, cross-sectional ~~[[view]]~~ views of one embodiment of a simplified high density chemical vapor deposition apparatus according to the present invention.

Please insert the following new paragraph beginning at page 3, line 7:

Fig. 3A is an enlarged view of an alternative embodiment of a bypass foreline structure in accordance with the present invention.

Please amend the paragraph starting at page 3, line 9, to read as follows:

Fig. ~~3A~~ 4 is a flow chart showing a series of method steps of one embodiment for determining endpoint of a chamber cleaning process in accordance with the present invention.

Please delete the paragraph starting at page 3, line 12.

~~Fig. 4 is an enlarged view of an alternative embodiment of a bypass foreline structure in accordance with the present invention.~~

Please amend the paragraph starting at page 3, line 27, to read as follows:

Figs. 1A-B ~~Fig. 1 illustrates~~ illustrate one embodiment of a high density plasma (HDP) CVD system 5 in which endpoint can be detected according to the present invention. HDP-CVD system 5 includes a vacuum chamber 10, a vacuum pump 12, a bias RF (BRF) generator 36, and a source RF (SRF) generator 32.

Please amend the paragraph starting at page 7, line 19, to read as follows:

Controller 120 is in electrical communication with microwave generator 106, low power generator 122, isolation valve 112, and optical sensor 116. A flowchart illustrating method steps for endpoint detection in accordance with an embodiment of the present invention is shown in FIG. ~~[[3A]]~~ 4.

Please amend the paragraph starting at page 8, line 27, to read as follows:

FIG. ~~[[4]]~~ 3A shows an enlarged view of an alternative embodiment of a bypass foreline 150 in accordance with the present invention. Bypass foreline 150 includes isolation valve 152, and differs slightly in shape from the bypass foreline depicted in FIG. 3.